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Form PTO-1449

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JUL 19 2002

Technology Center 2100

Attorney Docket No. A-7598		Serial No. 09/930,901	Filing Date AUGUST 16, 2001				
Applicant: AKINS ET AL.		Group 2132					
U.S. PATENT DOCUMENTS							
Examiner's Initial		Document No.	Date	Name	Class	Subclass	
<i>JBC</i>	AA	4,155,042	5/15/79	Permut et al.			
	AB	4,358,672	11/9/82	Hyatt et al.			
	AC	4,388,643	6/14/83	Aminetzah			
	AD	4,405,829	9/20/83	Rivest et al.			
	AE	4,531,020	6/23/95	Weschelberger et al.			
	AF	4,600,921	7/15/86	Thomas et al.			
	AG	4,613,901	9/23/86	Gilhousen et al.			
	AH	4,634,807	1/6/87	Chorley et al.			
	AI	4,649,533	3/10/97	Chorley et al.			
	AJ	4,658,093	4/14/87	Hellman			
	AK	4,712,238	12/8/87	Gilhousen et al.			
	AL	4,712,239	12/8/87	Frezza			
	AM	4,736,422	4/5/88	Mason			
	AN	4,823,385	4/18/89	Hegendorfer			
	AO	4,864,615	9/5/89	Bennett et al.			
	AP	4,866,770	9/12/89	Seth-Smith et al.			
	AQ	4,885,777	12/5/89	Takaragi et al.			
<i>JBC</i>	AR	4,887,296	12/12/89	Horne			

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ZBC	AS	4,912,762	3/27/90	Lee et al.		
	AT	4,982,430	1/1/91	Frezza et al.		
	AU	4,993,068	2/12/91	Piosenka et al		
	AV	5,003,591	3/26/91	Kauffman		
	AW	5,018,196	5/21/91	Takaragi et al.		
	AX	5,029,207	7/2/91	Gammie		
	AY	5,036,537	7/30/91	Jeffers et al.		
	AZ	5,073,935	12/17/91	Pastor		
	BA	5,124,117	6/23/92	Tatebayashi et al.		
	BB	5,142,578	8/25/92	Matyas et al.		
	BC	5,151,782	9/29/92	Ferraro		
	BD	5,155,591	10/13/92	Wachob		
	BE	5,175,765	12/29/92	Perlman		
	BF	5,231,665	7/27/93	Auld et al.		
	BG	5,235,643	8/10/93	Anderson et al.		
	BH	5,237,610	8/17/93	Gammie et al.		
	BI	5,243,652	9/7/93	Teare et al.		
ZBC	BJ	5,249,230	9/28/93	Mihm, Jr.		

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U.S. PATENT DOCUMENTS					
Examiner's Initial		Document No.	Date	Name	Class
<i>JBC</i>	BK	5,270,822	12/14/93	Choi	
	BL	5,282,248	1/25/91	DeJoy	
	BM	5,282,249	1/25/94	Cohen et al.	
	BN	5,285,497	2/8/94	Thatcher, Jr.	
	BO	5,301,233	4/5/94	Coutrot et al.	
	BP	5,341,425	8/23/94	Wasilewski et al.	
	BQ	5,343,527	8/30/94	Moore	
	BR	5,381,477	1/10/95	Beyers III et al.	
	BS	5,381,481	1/10/95	Gammie et al.	
	BT	5,400,401	3/21/95	Wasilewski et al.	
	BU	5,402,490	3/28/95	Mihm, Jr.	
	BV	5,414,773	5/9/95	Handelman	
	BW	5,420,866	5/30/95	Wasilewski	
	BX	5,425,101	6/13/95	Woo et al.	
	BY	5,432,542	7/11/95	Thibadeau et al.	
	BZ	5,440,633	8/8/95	Augustine et al.	
	CA	5,465,299	11/7/95	Matsumoto et al.	
<i>JBC</i>	CB	5,473,692	12/5/95	Davis	

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<i>JBC</i>	CC	5,481,542	1/2/96	Logston et al.		
	CD	5,481,613	1/2/96	Ford et al.		
	CE	5,488,410	1/30/96	Lieberfarb et al.		
	CF	5,497,422	3/5/96	Tysen et al.		
	CG	5,499,294	3/12/96	Friedman		
	CH	5,499,295	3/12/96	Cooper		
	CI	5,506,904	4/9/96	Sheldrick et al.		
	CJ	5,509,073	4/16/96	Monnin et al.		
	CK	5,519,780	5/21/96	Woo et al.		
	CL	5,524,052	6/4/96	Augustine et al.		
	CM	5,550,984	8/27/96	Gelb		
	CN	5,557,678	9/17/96	Ganesan		
	CO	5,557,765	9/17/96	Lipner et al.		
	CP	5,588,058	12/24/96	Le Berre		
	CQ	5,559,889	9/24/96	Easter et al.		
	CR	5,563,950	10/8/96	Easter et al.		
	CS	5,565,909	10/15/96	Thibadeau et al.		
<i>JBC</i>	CT	5,568,552	10/22/96	Davis		

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AKINS ET AL.Group
2132**U.S. PATENT DOCUMENTS**

Examiner's Initial		Document No.	Date	Name	Class	Subclass
<i>LBC</i>	CU	5,568,554	10/22/96	Eastlake 3rd		
	CV	5,583,939	12/10/96	Chang et al.		
	CW	5,590,202	12/31/96	Bestler et al.		
	CX	5,621,793	4/15/97	Bednarek et al.		
	CY	5,671,276	9/23/97	Eyer et al.		
	CZ	5,675,649	10/7/97	Brennan et al.		
	DA	5,740,246	4/14/98	Saito		
	DB	5,742,677	4/21/98	Pinder et al.		
	DC	5,764,770	6/9/98	Schipper et al.		
	DD	5,787,172	7/28/98	Arnold		
	DE	5,857,020	1/5/99	Peterson, Jr.		
	DF	5,862,220	1/19/99	Perlman		
	DG	5,870,474	2/9/99	Wasilewski et al.		
	DH	5,920,626	7/6/99	Durden et al.		
	DI	6,005,938	12/21/99	Banker et al.		
	DJ	6,105,134	8/15/00	Pinder et al.		
<i>LBC</i>	DK	6,246,767	6/12/01	Akins, III et al.		

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<i>LBC</i>	DL	RE33,189	3/27/90	Lee et al.			
<i>LBC</i>	DM	RE33,808	1/28/92	Wright, Jr.			
FOREIGN PATENT DOCUMENTS							
		Document No.	Date	Country	Class	Subclass	Translation
<i>LBC</i>	DN	EP 0 723 371 A ✓	7/24/96	Europe			
	DO	EP 0 752 786 A ✓	1/8/97	Europe			
	DP	WO 94/13107 A ✓	6/9/94	PCT International			
<i>LBC</i>	DQ	WO 95/29560 A ✓	11/2/95	PCT International			
OTHER PRIOR ART (Including Author Title, Date, Pertinent Pages, Etc.)							
Examiner's Initial		Document No.	Date	Name	Class	Subclass	
<i>LBC</i>	DR	ISO/IEC 13818-1, "Information Technology – Generic Coding of Moving Pictures and Associated Audio Systems," Draft of: November 13, 1994.					
	DS	ISO/IEC JTC1/SC29/WG11, "Universal Multi-Program Multiplex and Transport for MPEG-2 Systems," January 1993.					
	DT	ISO/IEC JTC1/SC29/WG11, "An MGEV-2 Multi-Program Multiplex Syntax," January 1993.					
	DU	ISO/IEC JTC1/SC2/WG11, "Requirements and Method for High-Level Multiplexing of MPEG and Other Digital Service Bitstreams with Universal Transport Layer," November 1992.					
	DV	Whitfield, Diffie, "Authentication and Authenticated Key Exchanges," DESIGNS, CODES AND CRYPTOGRAPHY, An International Journal, Vol. 2, No. 2, June 1992, pages 107-125.					
<i>LBC</i>	DW	Schneier, Bruce, "Applied Cryptography Second Edition: Protocols, Algorithms and Source Code in C," pages 357-363.					

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<i>JBC</i>	DX	Menezes, Alfred J., "Handbook of Applied Cryptography," pages 506-525.				
	DY	TM-1244 Rev. 4, "Final Technical Report of the Conditional Access Specialist Group," November 17, 1994.				
	DZ	Coutrot et al., "A Single Conditional Access System for Satellite-Cable and Terrestrial TV," IEEE Transactions on Consumer Electronics, Vol. 35, No. 3, August 1989, pages 464-468.				
<i>JBC</i>	EA	Louis Claude Guillou and Jean-Luc Giachetti, "Encipherment and Conditional Access," SMPTE Journal, 103 (1994) June, No. 6, White Plains, NY.				
	EB					
	EC					
	ED					
	EE					
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	EG					
	EH					
	EI					
	EJ					
EXAMINER		DATE CONSIDERED: <i>11/03/2004</i>				
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance. Include copy of this form with next communication to Applicant.						